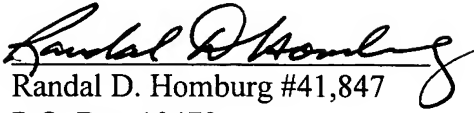


ABSTRACT OF INVENTION

A double tank refrigerated carbonated beverage dispensing apparatus for blending fresh water and carbon dioxide to produce a carbonated liquid delivered to a faucet bank for dispensing mixed soft drinks at a temperature at or below the freezing point of water, includes a double tank carbonator having in inner tank contained within an outer tank, insulated by a void between the two tank, the void having refrigeration coils connected to a refrigeration circulation system. The apparatus includes a soda water circulating system, a heat exchange unit for pre-cooling water and beverage syrup lines, syrup coils adapted to the double tank carbonator for chilling some beverage syrup lines, temperature sensors for regulating temperature of the carbonated water and fluid level probes to regulate the amount of water delivered to the double tank carbonator.

Respectfully submitted;



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